

INTERNET INTERFACE CONTROLLER

ABSTRACT OF THE DISCLOSURE

An interface controller for managing operation of a plurality of devices via a wide
5 area network is provided. Each of the devices has a unique communication protocol
associated therewith. A network communications layer is provided for communicating with
the plurality of devices via the wide area network and a client application associated with the
plurality of devices. An information processing layer is also provided for communicating
with the network communications layer. The information processing layer has a set of
10 objects corresponding to each of the plurality of devices. The information processing layer
is also for interacting with a data access layer on behalf of each of the plurality of devices
using the corresponding objects. Interaction between the information processing layer and
the data access layer on behalf of all of the plurality of devices is governed by a single set of
rules.

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